

Title (en)
Hard coating layer and method for forming the same

Title (de)
Hartbeschichtung und Verfahren zu ihrer Bildung

Title (fr)
Couche de revêtement dur et son procédé de fabrication

Publication
EP 2610364 B1 20210721 (EN)

Application
EP 12165051 A 20120420

Priority
KR 20110145004 A 20111228

Abstract (en)
[origin: EP2610364A1] The present invention relates to hard coating layer and a method for forming the hard coating layer. A method for forming hard coating layer which comprises: washing a substrate; installing the washed substrate in a vacuum equipment, and evacuating the chamber of the vacuum equipment; cleaning the substrate; forming oblique coating layer on the substrate; and forming vertical coating layer, vertically to the substrate, on the oblique coating layer by applying bias-voltage after forming oblique coating layer is provided. According to present invention, hardness of coating layer may be enhanced by forming a oblique coating layer and vertical coating layer on a substrate.

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Citation (examination)

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